



File No. 0735-10-SW233
0760-95-CY029

Information Item

ENGINEERING DEPARTMENT

TO: THE HONORABLE MAYOR AND CITY COUNCIL

VIA: DAVID R. GARCIA, CITY MANAGER

FROM: SCOTT TULLOCH, CITY ENGINEER

DATE: JULY 2, 2007

SUBJECT: ROAD CLOSURES OF MOSS STREET BETWEEN INDUSTRIAL BOULEVARD AND 300 FEET EAST OF BROADWAY FROM JUNE 18, 2007 TO OCTOBER 26, 2007 (FROM 8:30 A.M. TO 6:00 P.M.) FOR THE INSTALLATION OF A NEW 12" PVC SEWER MAIN AND STREET RECONSTRUCTION.

During the week of June 11, 2007, Mr. John Cady of Ortiz Corporation submitted traffic control plans requesting several partial closures of Moss Street between Industrial Boulevard and Broadway for the purpose of installing new sewer facilities at this location and the reconstruction of said street. In order to expedite the installation of these improvements and minimize the overall impact to the public, staff and the contractor propose to phase the closures on Moss Street between June 18, 2007 and October 26, 2007. The phases of closures will range from a partial closure (one lane opened in one direction) to a complete closure (no through traffic). These closures are necessary in order to install a new sewer line under Moss Street and for the reconstruction of the pavement on Moss Street.

The City originally approved this project during the June 5, 2007 Council Meeting. The contractor has now worked out a schedule for this work and in order to minimize the impact, the closure of Moss Street is required. The above-mentioned closures and schedule is being brought forward for Council reference. The project may be completed in a shorter time frame than is being presented. Signs will be erected for the duration of the project to inform the general public.

During the closure period, traffic will be detoured as follows:

Moss Street: Local traffic will be detoured around the work area using Colorado Avenue, Woodlawn Avenue, Oaklawn Avenue, Jefferson Avenue, and Crested Butte.

As the project phase reaches Broadway, the work across Broadway will be done at night from 10:00 PM to 6:00 AM to ensure public safety and minimize traffic congestion. Normal traffic will have complete access to Broadway during the day. In this way, business and morning commuters will not have to compete with the contractor for access on Broadway during the day.

Engineering Project #: SW233

Chula Vista Transit and all emergency services will be adequately accommodated during the road closure and notified in advance of the complete closure periods.

In addition, during the project construction phase, it will be necessary to detour truck traffic around Moss Street. While no truck traffic will be allowed on Naples Street, truck traffic will be detoured via either Palomar Street or "L" Street to Broadway for access into Moss Street.

Finally, the Traffic Engineering Section has reviewed the detour plans and will continue to monitor the traffic throughout the construction period and make any necessary alterations to the plans to ensure public safety and ease of traffic flow during construction. The closures of this street are similar to those used in the past and these closures have worked well without any major problems.

Advance notification of Moss Street Sewer Improvement and Street Reconstruction (SW233) was conducted during the design phase. Within the contract specification for this project, the contractor is to inform all residence, businesses and the community at large of the potential for delay due to construction. The Contractor will notify each affected resident in person forty-eight (48) hours before starting the project and closing of driveways (if any). In addition, for this project, the Contractor shall not be allowed to excavate more than the amount of work that can be completed within the workday.

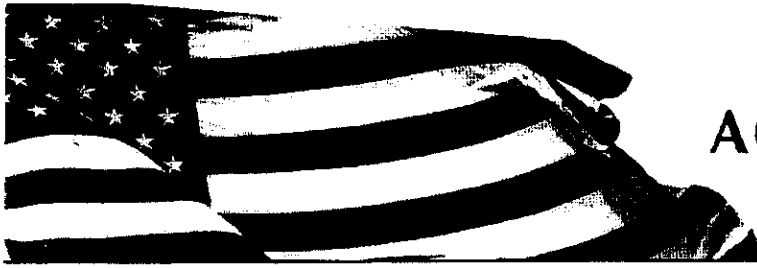
In a City Council Agenda statement dated June 5, 2007 for this project (attached), staff informed City Council of the closure for Moss street in accordance with City Council Policy No. 576-15, which requires that City Council be notified in advance of a request to close streets for major construction.

Traffic Engineering Staff would like to inform the Mayor and City Council that during the construction of this project, the community, businesses and commuters through this area would be impacted.

Due to the deteriorated conditions of Moss Street and numerous residential complaints, Staff has fast paced the Contractor's schedule to begin the construction. Staff has proceeded with the closures as stated herein. The purpose of this memorandum is to provide more exact details of the Moss Street closures that have already begun.

RY/pgs

c: Liz Pursell, Public Information Officer
Rick Emerson, Chief of Police
Doug Perry, Fire Chief
Dave Byers, Director of Public Works Operations
Police and Fire Dispatch



CITY COUNCIL AGENDA STATEMENT



6/05/07, Item 14

ITEM TITLE: PUBLIC HEARING TO CONSIDER WAIVING MINOR IRREGULARITIES ON THE BID RECEIVED FOR THE "MOSS STREET SEWER IMPROVEMENTS AND STREET RECONSTRUCTION BETWEEN 300 FEET EAST OF BROADWAY TO COLORADO AVENUE (CIP NO. SW-233)" PROJECT PER CITY CHARTER SECTION 1009

RESOLUTION WAIVING IRREGULARITIES, ACCEPTING BIDS AND AWARDING CONTRACT FOR THE "MOSS STREET SEWER IMPROVEMENTS AND STREET RECONSTRUCTION BETWEEN 300 FEET EAST OF BROADWAY TO COLORADO AVENUE (CIP NO. SW-233)" PROJECT TO ORTIZ CORPORATION IN THE AMOUNT OF \$730,733.00

RESOLUTION AUTHORIZING AN INTERPROJECT TRANSFER FROM EXISTING CAPITAL IMPROVEMENT PROJECT STL-238 "PAVEMENT REHABILITATION PROGRAM" TO THE "MOSS STREET SEWER IMPROVEMENTS AND STREET RECONSTRUCTION BETWEEN 300 FEET EAST OF BROADWAY SW-233 IN THE AMOUNT OF \$182,083 TO COMPLETE THE PROJECT AND AUTHORIZING THE EXPENDITURE OF ALL AVAILABLE FUNDS IN THE PROJECT

SUBMITTED BY: DIRECTOR OF GENERAL SERVICES 

REVIEWED BY: INTERIM CITY MANAGER 

4/5THS VOTE: YES ☒ NO

BACKGROUND

On Wednesday, April 25 2007 at 2:00 p.m., the Director of General Services received thirteen (13) sealed bids for the "Moss Street Sewer Improvements and Street Reconstruction between 300 feet East of Broadway to Colorado Avenue. The Moss Street Sewer Improvements project will improve approximately 1800 linear feet of sewer pipe located under Moss Street between Broadway and Colorado Avenue. The street reconstruction will provide a new stable street section for all vehicles traveling on Moss Street.

ENVIRONMENTAL REVIEW

The Environmental Review Coordinator has reviewed the proposed project for compliance with the California Environmental Quality Act (CEQA) and has determined that the project qualifies for a Class 1 Categorical Exemption pursuant to Section 15301 (Existing Facilities) of the State CEQA Guidelines because the proposed project consists of minor alterations to an existing public facility involving no expansion of the facility's current use. Thus, no further environmental review is necessary.

RECOMMENDATION

1. Council conduct the public hearing.
2. Council adopt the resolution waiving irregularities, accepting bids and awarding contract for the "Moss Street Sewer Improvements and Street Reconstruction between 300 feet east of Broadway to Colorado Avenue (CIP No. SW-233)" project to Ortiz Corporation in the amount of \$730,733.00.
3. Council adopt the resolution authorizing inter-project transfer from the existing Capital Improvement Project STL-238 "Pavement Rehabilitation Program" to the "Moss Street Sewer Improvements and Street Reconstruction Between 300 Feet East of Broadway to Colorado Avenue project (CIP No. SW-233)" in the amount of \$182,083.00 to complete the project and authorizing the expenditure of all available funds in the project.

BOARDS/COMMISSION RECOMMENDATION

Not applicable.

DISCUSSION

On Wednesday, April 25 2007 at 2:00 p.m., the Director of General Services received thirteen (13) sealed bids for the "Moss Street Sewer Improvements and Street Reconstruction between 300 feet East of Broadway to Colorado Avenue (CIP No. SW-233)" project. The Moss Street Sewer Improvements project will improve approximately 1800 linear feet of sewer pipe located under Moss Street between Broadway and Colorado Avenue. The street reconstruction will provide a new improved street section for vehicles traveling on Moss Street. While Moss Street is not a designated truck route, trucks routinely used Moss Street to deliver furniture and other personal items to the residents in the area.

The work on Moss Street includes excavation and grading, driveways, curbs and gutters, asphalt concrete pavement reconstruction and overlay from the San Diego Metropolitan Transit System's right-of-way to 300 feet east of Broadway. The removal and disposal of certain existing improvements, traffic control, protection and restoration of the remaining existing improvements, other miscellaneous work, and all labor, material and equipment are also necessary for the project.

The Moss Street Trunk Sewer is the main trunk line that serves properties located within the Telegraph Canyon Sewer Basin. The Telegraph Canyon Sewer Basin is bounded by "H" Street to the Northwest, Oxford Street to the Southwest and extends toward the eastern part of the City

following East Palomar Street toward Hunte Parkway and Proctor Valley Road. The Moss Street sewer main was identified by the Sewer Master Plan as needing rehabilitation due to the increase wastewater flow through this section. In order to service the sewer needs in this basin, a new 12-inch diameter polyvinyl chloride (P.V.C.) sewer pipe is proposed to replace the existing 8-inch diameter vitrified clay pipe (VCP) sewer pipe. The existing sewer lateral from the property lines will be reconnected to the new 12-inch sewer main once the new main has been placed. The duration of the project is expected to be less than 90 consecutive working days minus any holidays that may occur during the project construction. In addition to the sewer main needing rehabilitation, the roadway on Moss Street is in need of reconstruction. To minimize the impact of these two tasks on the residences and businesses in the area, both tasks have been combined in one project. The project is located within the Montgomery Annexation Area.

The first phase of the project will begin on the western end of Moss Street just before Colorado Avenue. A five-foot trench will be dug to remove the sewer main. The actual work to be done will be phased into small increments to allow the reopening of Moss Street during start of peak traffic hours. The scope of work will be to trench, remove the existing sewer main (two 3' or 4' sections), reconnect any sewer laterals, and backfill the open trenched area. The contractor has been instructed that traffic control set up may begin at 7:45 am, but no construction work will begin before 8:00 am and no work (construction) will extend beyond 3:00 pm with out approval of the City field inspector. If necessary, a steel plate will be placed on the roadway for the public's safety after contractor's working hours and Moss Street will be re-opened to through traffic in both directions. Work will proceed in this manner until the entire length (approximately 1800 feet) of the sewer main has been replaced. Some nighttime work will be scheduled for the work proposed across Broadway to minimize public inconvenience. This will limit the impact to residences and businesses within the area.

The second phase of the project will also begin on the west end of Moss Street, just east of the Metropolitan Transit System's right-of-way. Due to the heavy vehicle traffic loads passing over Moss Street, the street has begun to rapidly deteriorate. The original design of Moss Street did not take into consideration heavy traffic loads. With out the proper pavement section to support these heavy loads, the life expectancy of Moss Street has begun to diminish quickly. In addition, the trenching operations from the first phase of this project will cause further deterioration of the condition of the existing pavement. To correct this deterioration, Moss Street will be reconstructed with a stronger base support.

Similar to the sewer rehabilitation, the actual work to be done for the street reconstruction will be phased in small increments to limit the amount of closure on Moss Street. The Contractor is required to submit a detailed traffic control plan for both phases of the project.

During both phases of the project, on-street parking will be curtailed within the project limits. Residents and businesses in the area will be given advance notice by the Contractor as to the actual construction start date. The Contractor will have 90 working days (not including Saturdays and Sundays) to complete both the sewer improvement work and the pavement reconstruction work. An information item will be sent to Council and a public notice will be sent to residents and businesses directly affected by the project once the exact details of the Moss Street closure are finalized.

PROJECT BID RESULTS

The City of Chula Vista's General Services Department prepared the plans, contract documents and technical specifications for the "Moss Street Sewer Improvements and Street Reconstruction between 300 feet east of Broadway and Colorado Avenue" CIP project. City staff also prepared and advertised the project for bidding.

Staff received and opened bids on Wednesday, April 25, 2007 at 2:00 p.m. The lowest responsive bidder for the project was based on the contractor who submitted all required documents detailed in the contract documents and who submitted the lowest base bid for the project construction. Bids from the thirteen (13) contractors were received as follows (Bids sorted by the base bid amount):

CONTRACTOR	BASE BID
1. Ortiz Corporation-Chula Vista	\$730,733.00
2. Zondiros Corporation- San Marcos	\$976,939.00
3. Metropolitan Construction- Spring Valley	\$1,048,464.25
4. MJC Construction-Bonita	\$1,048,896.00
5. Southland Paving, Inc.- Escondido	\$1,061,337.60
6. Koch-Armstrong Gen. Eng., Inc.- Lakeside	\$1,075,062.55
7. Hazard Construction Company-San Diego	\$1,070,386.50
8. Portillo Concrete, Inc.- Lemon Grove	\$1,124,890.00
9. New Century Construction, Inc.-Lakeside	\$1,149,240.00
10. Burtech Pipeline, Inc.- Encinitas	\$1,276,044.00
11. Tri-Group Const and Develop, Inc.-Poway	\$1,299,186.00
12. HTA Engineering & Const., Inc.-Poway	\$1,486,011.00
13. ABC Construction Co., Inc.-San Diego	\$1,598,069.00

After reviewing the bid documents, staff discovered a discrepancy with Ortiz Corporation's grand total bid amount. The amount submitted was \$730,733.00. When staff reviewed all bid items, the corrected grand total was \$730,773 a difference of \$40.00. This base bid is \$246,206 less than the second lowest bidder. In consultation with the City Attorney's office, staff determined that the irregularity was insignificant and that the City could proceed with the award process to Ortiz Corporation based on the City Charter Section 1009 that states, "The City Council may waive any defects in any bid to the extent it finds at a public hearing held for that purpose that it is necessary to do so for the benefit of the public." The public hearing for these items was held tonight and staff believes that this action would benefit the City in the form of saving the City nearly \$250,000.

The irregularity was not an error in the Contractor's calculation, rather an irregularity by the person transcribing the total to the bid schedule. The low bid from Ortiz Corporation is below

the Engineer's estimate of \$907,185.50 by \$176,452.50 or approximately 19%. While it is unusual that a bid comes in 19% lower than the Engineer's estimate, the construction environment has been unpredictable for the past six months. Staff believes that the low price is consistent with the slow down of new development. A larger number of contractors are bidding on a smaller number of projects. The Engineer's estimate was prepared by City staff and was based on average unit prices for similar types of work completed recently. City staff will incorporate the unit price bid results received into a database for future project cost estimates.

General Services staff checked the references that the Contractor submitted. This Contractor has done previous work for the City and all work was found to be satisfactory. All references checked were verified and references confirmed that the Contractor's work has been satisfactory. The Contractor's License Number is 602454 and is clear and current.

Disclosure Statement

Attachment 1 is a copy of the contractor's Disclosure Statement.

Wage Statement

The source of funding for this project is Transnet and Trunk Sewer Capital Reserve funds. Contractors bidding this project were not required to pay prevailing wages to persons employed by them for the work under this project. Disadvantaged businesses were encouraged to bid by sending the Notice to Contractors to various trade publications.

DECISION MAKER CONFLICT

Staff has reviewed the property holdings of the City Council and has found no property holdings within 500 feet of the boundaries of the property which is the subject of this action.

FISCAL IMPACT

In May 2004, the City's engineering consultant (PBS&J) submitted a series of Draft Wastewater Master Plan Technical Memorandums to the City. These drafts included recommendations for Capital Improvement Projects; Sewer Capacity Evaluations of Land Use Alternatives being considered as part of the General Plan Update; a Pump Station and Facilities Assessment Report; and a Wastewater Generation Analysis. These studies identified several reaches of the collection system that had capacity constraints and recommended the required improvements. Moss Street between Colorado Avenue and Oaklawn Avenue appeared in this report with a recommendation to increase the existing 8-inch sewer main to a 10-inch sewer. During that time, Moss Street also appeared on the City's Street Rehabilitation list. Staff proceeded to take a proactive role to resolve the problems existing on Moss Street.

Because the Wastewater Master Plan Technical Memorandums to the City were only in draft form, staff began an analysis to evaluate PBS&J's recommendation to replace the existing 8-inch sewer main in Moss Street. This analysis examined the sewer main between Broadway and Oaklawn Avenue and between Colorado Avenue and Oaklawn Avenue. The sewer study did verify PBS&J's recommendation and validate the need for improvements. However, staff's review of the analysis also recommended additional improvements to the sewer main. The project scope was expanded to encompass the new findings. The existing 8-inch sewer main would now be replaced with a 12-inch sewer main and the improvements would run from Colorado Avenue to Broadway.

In May of 2004, the City was also in the process of preparing the contract documents for the street rehabilitation. The street rehabilitation project was to facilitate the placement of asphalt concrete overlay within the above stated portion of Moss Street. To provide time for the development of the new 12-inch sewer main, the Moss Street overlay from Fifth Avenue was halted 300 feet east of Broadway. City staff also used this time to study why the pavement has deteriorated to its present state. Several street cores were taken and the soils underneath the pavement of Moss Street were examined. It was determined after the analysis of core and observation of Moss Street that a new street section was needed. If the City continued with its planned rehabilitation method of an overlay, the same street conditions would materialize within a few years. The decision was made to reconstruct Moss Street with a new sub-grade to add support for the vehicle traffic on the street.

The final scope of the Moss Street Sewer Improvements has now expanded to over 1800 linear feet of new 12-inch sewer main and over 3000 cubic yards of soil is to be removed and replaced with crushed aggregate base. On top of all this 2,250 tons of new asphalt was needed to replace the existing pavement. In addition six pedestrian ramps have been designed and will be installed with this project.

Approval of tonight's resolution will authorize City staff to expend all available funds and increase the value of the contract as necessary due to unforeseen circumstances. Unforeseen circumstances (i.e. poor sub-grade, utility conflicts, increase of dig-out quantities, increase in concrete quantities, etc.) may cause an increase in quantities beyond what was anticipated during the preparation of the project specifications. A typical "unforeseen circumstance" situation occurs during the road rehabilitation process as pavement distress areas are examined and repaired. Oftentimes, additional areas are repaired beyond what is anticipated due to the failing area increasing in size. As a result, additional material is required to repair the areas and may lead to a necessary "Change Order" to the contract. This is a typical situation with all pavement rehabilitation projects. Furthermore, all underground projects have a level of risk due to the unknown challenges that could be encountered under the surface. With a pavement reconstruction project this risk is magnified because it is a complete removal of the top two to three feet of the street. Therefore, because of this large potential for unknowns, a large contingency amount has been set aside for emergency use during the construction of this project.

In addition, per record drawings the sewer system under Broadway drops more than 25 feet from the street level. The contingency will help mediate any field modifications that may be required to complete the improvements. According to City Council Policy No. 574-01, if a change order exceeds the cumulative contract change order aggregate amount allowable to be approved by the Director of Public Works Operations, City Council approval is required. Under said City Council Policy the amount would be \$54,151. However, approval of tonight's resolution will increase the Director of Public Works Operations' authority to approve change orders as necessary up to the contingency amount of \$235,000, an increase in the Director of Public Works Operations change order authority of \$180,849. Any appropriated funds not needed for this project will be made available for other pavement rehabilitation projects. There are currently sufficient available funds in the project to complete the sewer improvements. With the appropriation of \$182,083.00, the pavement reconstruction within the "Moss Street Sewer Improvements and Street Reconstruction (CIP No. SW-233)" project shall be adequate to fund the completion of both phases of the project construction. In addition, a Staff Resource Implementation Summary has been provided as Attachment 2.

FUNDS REQUIRED FOR PROJECT		
A.	Contract Amount	\$730,733.00
B.	Contingencies (32% of contact amount)	\$235,000.00
C.	Staff Time Cost (approx %age of total):	
	Construction Inspection (12%)	\$190,000.00
	Design/Construction Management (20%)	\$320,000.00
	Survey Work (2%)	\$40,000.00
	Planning/Environmental/Traffic/Landscape/Public Works (2%)	\$35,000.00
	Soil Testing and Study (2%)	\$40,000.00
TOTAL FUNDS REQUIRED FOR CONSTRUCTION		\$1,590,733.00

FUNDS AVAILABLE FOR CONSTRUCTION		
A.	Trunk Sewer Capital Reserve Funds	\$408,650.00
B.	Transportation Sales Tax (TransNet)	\$1,000,000.00
C.	Interproject Transfer from STL-238 (Pavement Rehabilitation)	\$182,083.00
TOTAL FUNDS AVAILABLE FOR CONSTRUCTION		\$1,590,733.00

Upon completion of the project, the improvements will require only routine City maintenance.

ATTACHMENTS

- 1 – Contractor's Disclosure Statement
- 2 – Staff Resource Implementation Summary

Prepared by: Roberto Yano, Sr. Civil Engineer, General Services Department

CITY OF CHULA VISTA DISCLOSURE STATEMENT

Pursuant to Council Policy 101-01, prior to any action upon matters that will require discretionary action by the Council, Planning Commission and all other official bodies of the City, a statement of disclosure of certain ownership or financial interests, payments, or campaign contributions for a City of Chula Vista election must be filed. The following information must be disclosed:

1. List the names of all persons having a financial interest in the property that is the subject of the application or the contract, e.g., owner, applicant, contractor, subcontractor, material supplier.

MARCELO E. ORTIZ
TERESA O. ORTIZ

PRESIDENT
SECRETARY

2. If any person* identified pursuant to (1) above is a corporation or partnership, list the names of all individuals with a \$2000 investment in the business (corporation/partnership) entity.

MARCELO E. ORTIZ
TERESA O. ORTIZ

PRESIDENT
SECRETARY

3. If any person* identified pursuant to (1) above is a non-profit organization or trust, list the names of any person serving as director of the non-profit organization or as trustee or beneficiary or trustor of the trust.

4. Please identify every person, including any agents, employees, consultants, or independent contractors you have assigned to represent you before the City in this matter.

5. Has any person* associated with this contract had any financial dealings with an official** of the City of Chula Vista as it relates to this contract within the past 12 months? Yes _____ No X

If Yes, briefly describe the nature of the financial interest the official** may have in this contract.

6. Have you made a contribution of more than \$250 within the past twelve (12) months to a current member of the Chula Vista City Council? No ☒ Yes ___ If yes, which Council member?
-

7. Have you provided more than \$340 (or an item of equivalent value) to an official** of the City of Chula Vista in the past twelve (12) months? (This includes being a source of income, money to retire a legal debt, gift, loan, etc.) Yes ___ No ☒

If Yes, which official** and what was the nature of item provided?

~~7.0~~ 7.0

Date: April 25, 2007

Marcelino E. Ortiz
Teresa O. Ortiz
Signature of Contractor/Applicant

MARCELINO E. ORTIZ
Print or type name of Contractor/Applicant
TERESA O. ORTIZ

* Person is defined as: any individual, firm, co-partnership, joint venture, association, social club, fraternal organization, corporation, estate, trust, receiver, syndicate, any other county, city, municipality, district, or other political subdivision, -or any other group or combination acting as a unit.

** Official includes, but is not limited to: Mayor, Council member, Planning Commissioner, Member of a board, commission, or committee of the City, employee, or staff members.

STAFF RESOURCE IMPLEMENTATION

Project :Moss Street Sewer Improvements

The general scope of the project involves the installation of a new P.V.C. sewer pipe, removal and replacement of an 8-inch and 10-inch VCP sewer main with a new 12-inch PVC sewer main along Moss Street, between 300' East of Broadway and Colorado Avenue. In addition, The scope of work also consists of pavement rehabilitation of Moss Street within the same limits identified above using Asphalt Concrete (AC) pavement. The project also involves the following:

reconnection of 4-inch, 6-inch sewer lateral wye/tee connection to new 12 inch sewer main as shown on the plans, rehabilitation of sewer bases, relocation of existing manholes, reconstruction of manhole base, installation of new manholes, and other related work. This project also includes the following: striping, installation of pedestrian ramps, sidewalks, curb and gutter, and storm drain inlet tops with bio-filters, placement of geo-grid, cold milling, AC pavement overlay, traffic control, striping and marking, and other miscellaneous items of work are also part of this project.

1) Project Management \$112,000.00

Budget: The budget is first analyzed for contractibility from design to construction. Staff time for design, survey, right-of-way, environmental processing and others. This budget is monitored continually and documented for future Staff time refinement.

Metropolitan Transit System Coordinations: Coordination with MTS for working near MTS right-of-way. Explore alternative to minimize construction impact

Department Coordination

Construction Survey: Identify infrastructure and digitized information & quality control (QC).

Construction Inspection: Conference for different construct ability methods & QC and Quality Assurance.

Traffic Engineering Coordination: Sample traffic control and detour discussed

Public Works Operations: Discussed future maintenance of proposed facilities

Processing/Council Agenda preparation: This project involved City ordinance research and coordination with City attorneys.

Utilities Company Coordination: Coordination with Utility Companies to eliminate infrastructure conflict with utility facilities.

Sweetwater Authority: Water Authority constructed new line and required water valve relocation on Moss Street

Identify location for valve adjustment: Identify utility conflict.

Coordination with Authority's new water line installation: Coordination with new and future installation of water service.

Relocation of utilities services: Provide solution for any conflicts.

San Diego Gas and Electric: Exact location of SDG&E facilities unknown.

Location of utilities services: Identify utility conflict and impacts.

Identify utilities services adjustments: Coordinate new requirements

Relocation of utilities services: Resolved facilities relocation.

Chula Vista Cable Company:

Location of utilities services: Identify utility conflict.

AT&T: Location of AT&T facilities

Location of utilities services: Identify utility conflict and impacts.

Identify utilities services adjustments: Coordinate new requirements

Relocation of utilities services: Resolved facilities relocation.

Cox Cable San Diego, Inc: Exact location of Cox Cable facilities unknown.

Location of utilities services: Identify conflict.

Identify utilities services adjustments: Coordinate new requirements

Relocation of utilities services: Resolved facilities relocation.

2) **Design \$208,000.00**

Improvement Plans: The plans are road maps for the construct ability of the project. The construction process is mentally executed and any foreseen hazards are eliminated.

Analysis of Survey Points: Survey crew is sent out to gather data to physical locations of existing improvements. These points are tied to real world coordinate systems.

Base Drawing Creation: With the survey points, existing infrastructure is laid out. Research is conducted to identify the infrastructure of both seen and unseen facilities. Often times, pot holing is done to verify underground facilities.

Street Centerline Alignment and Profile: In order to locate proposed improvements, street centerline alignment is created to identify a common reference point for everything (existing and proposed infrastructure) indicated on the plan sheets will be associated with this alignment.

Proposed Sewer Alignment and Profile: With the existing improvements and limitations to design standard, a new proposed alignment is created. From this alignment the sewer profile is created and analyzed for functionality.

North and South AC Berm Alignment: The proposed berm alignment is created and analyzed to follow the roadway down Moss St.

South Curb and Gutter Alignment: The proposed curb alignment is created and analyzed to follow the roadway down Moss St. and the storm water flow is check with the proposed gutter alignment.

Storm Drain Alignment: Storm water flow is checked with existing storm drain for functionality.

Utilities Relocation Verification: Location of new utilities and conflicts with City's proposed improvements are investigated.

Pedestrian Ramp (6) Profile: Six pedestrian ramps are design to meet ADA standards and existing improvements

Street Cross Section (14 Sheets): Cross fall is check with exiting improvements, proposed berm alignment, proposed curb and gutter alignment as well as the functionality to centerline alignment.

Striping Plans: Traffic flow and public safety is re-analyzed.

Traffic Control Detour Plans: Planned detours are analyzed for each construction phase.

Specification & Contract: Special instructions to the Contractor are written and public safety and utilities protection is written in to specification. Quality Control is checked for construct ability.

Improvement plans (14 Sheets): Each construction phase is laid out and plotted. Quality Control is checked for construction.

Sewer and Storm Drain Study: Documentation of analysis is written for project record keeping. Modification and design criteria are detailed.

Pavement and Soil Study: Soil study is required to correct failure and proper street structure construction is examined.

Water Quality Technical Report: Water quality is maintained and documented during pre-construction, the construction and post construction.

Storm Water Pollution Prevention Plan: Protection management plan for storm drains during construction

Employee Training

Staff Development: First project for designer of this type. He was paired with other designers for mentoring and to allow him to develop in new areas.

RESOLUTION NO. 2007-_____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA
WAIVING IRREGULARITIES, ACCEPTING BIDS AND AWARDING
CONTRACT FOR THE "MOSS STREET SEWER IMPROVEMENTS AND
STREET RECONSTRUCTION BETWEEN 300 FEET EAST OF BROADWAY
TO COLORADO AVENUE (CIP NO. SW-233)" PROJECT TO ORTIZ
CORPORATION IN THE AMOUNT OF \$730,733.00

WHEREAS, City staff has prepared specifications for the "Moss Street Sewer Improvements and street reconstruction between 300 feet east of Broadway to Colorado Avenue in the City of Chula Vista, California" project and advertised the project; and

WHEREAS, On April 26, 2007, the Director of General Services received thirteen (13) sealed bids for the "Moss Street Sewer Improvements and street reconstruction between 300 feet east of Broadway to Colorado Avenue in the City of Chula Vista, California" project; and

WHEREAS, Section 1009 of the City Charter allows the City Council to waive minor irregularities in a bid if the irregularities will benefit the City of Chula Vista; and

WHEREAS, Ortiz Corporation made a minor error of \$40.00 in their submitted bid of \$730,733.00 and Ortiz Corporation is 19% below the Engineer's estimate of \$907,185.50; and

WHEREAS, the next lowest bidder, Zondiros Corporation submitted a bid for \$246,206.00 above the Ortiz Corporation bid to construct the "Moss Street Sewer Improvements and Street Reconstruction between 300 feet East of Broadway to Colorado Avenue in the City of Chula Vista, California" project; and

WHEREAS, staff recommends waiving the irregularity of Ortiz Corporation bid and awarding the "Moss Street Sewer Improvements and street reconstruction between 300 feet east of Broadway to Colorado Avenue in the City of Chula Vista, California" project to Ortiz Corporation in the amount of \$730,733.00; and

WHEREAS, staff has verified the references provided by the contractor and the contractor has performed previous work for the City of Chula Vista and their work has been satisfactory; and

WHEREAS, the Environmental Review Coordinator has reviewed the proposed project for compliance with the California Environmental Quality Act and has determined that the project qualifies for a Class 1 categorical exemption pursuant to Section 15301 of the State CEQA Guidelines; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Chula Vista does hereby accept bids, waive the minor irregularity of the bid, and award a contract in the amount of \$730,733.00 for the "Moss Street Sewer Improvements and Street Reconstruction Between 300 Feet East of Broadway to Colorado Avenue (SW-233) in the City of Chula Vista, California" to Ortiz Corporation of Chula Vista, California.

Presented by

Jack Griffin
Director of General Services

Approved as to form by

Sharon A. Marshall
Ann Moore
City Attorney

RESOLUTION NO. 2007-_____

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA
AUTHORIZE AN INTERPROJECT TRANSFER IN THE AMOUNT OF
\$182,083 TO THE "MOSS STREET SEWER IMPROVEMENTS AND STREET
RECONSTRUCTION BETWEEN 300 FEET EAST OF BROADWAY TO
COLORADO AVENUE (CIP NO. SW-233)" PROJECT TO COMPLETE THE
PROJECT

WHEREAS, City staff has prepared specifications for the "Moss Street Sewer Improvements and street reconstruction between 300 feet east of Broadway to Colorado Avenue in the City of Chula Vista, California" project; and

WHEREAS, unforeseen circumstances may cause an increase in the estimated amount of time beyond what labor and materials is anticipated during preparation of the project specification and all underground projects have a level of risk of cost increase due to the unknown challenges that may be encountered under the street surface; and

WHEREAS, staff recommends an interproject transfer from existing capital improvement project STL-238 "Pavement Rehabilitation Program" to the "Moss Street Sewer Improvements and Street Reconstruction Between 300 Feet East of Broadway to Colorado Avenue (SW-233) in the amount of \$182,083 to complete the project; and

WHEREAS, the STL-238 "Pavement Rehabilitation Program" has sufficient funds to transfer \$182,083 to the "Moss Street Sewer Improvements and Street Reconstruction Between 300 Feet East of Broadway to Colorado Avenue (SW-233); and

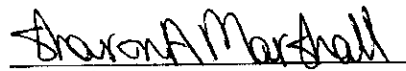
WHEREAS, approval of tonight's resolution will increase the Director of Public Works Operations' authority to approve change orders as necessary and authorize the expenditure of all available funds in the project; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Chula Vista does hereby authorize an interproject transfer in the amount of \$182,083 for the "Moss Street Sewer Improvements and Street Reconstruction Between 300 Feet East of Broadway to Colorado Avenue (SW-233) in the City of Chula Vista, California" and increase the Director of Public Works Operation's authority to approve changes orders as necessary to construct the "Moss Street Sewer Improvements and Street Reconstruction Between 300 Feet East of Broadway to Colorado Avenue (SW-233) in the City of Chula Vista.

Presented by

Jack Griffin
Director of General Services

Approved as to form by



Ann Moore
City Attorney